



# HP Pavilion 17-f004dx Front Panel Replacement

This guide will show you how to remove your device's front panel.

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## INTRODUCTION

The front panel is removed to access the inner components and is a precursor to RAM, hard drive, keyboard, and screen repair. It is difficult to do because the front panel is very firmly secured and will require a lot of time, strength, and patience to remove.

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### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Metal Spudger](#) (1)
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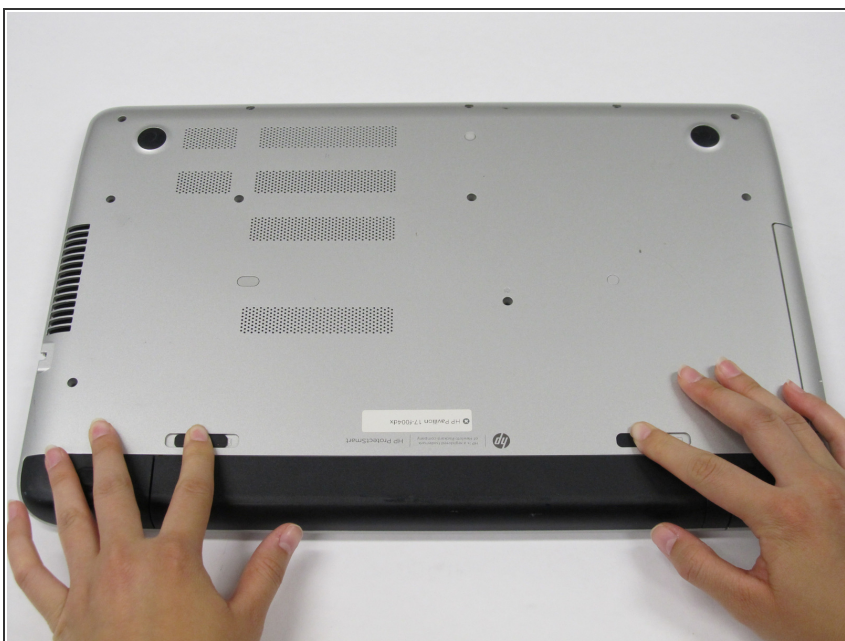
## Step 1 — Battery



 Before you remove the battery, make sure the laptop is powered off.

- Rotate the laptop so the back panel is facing up.

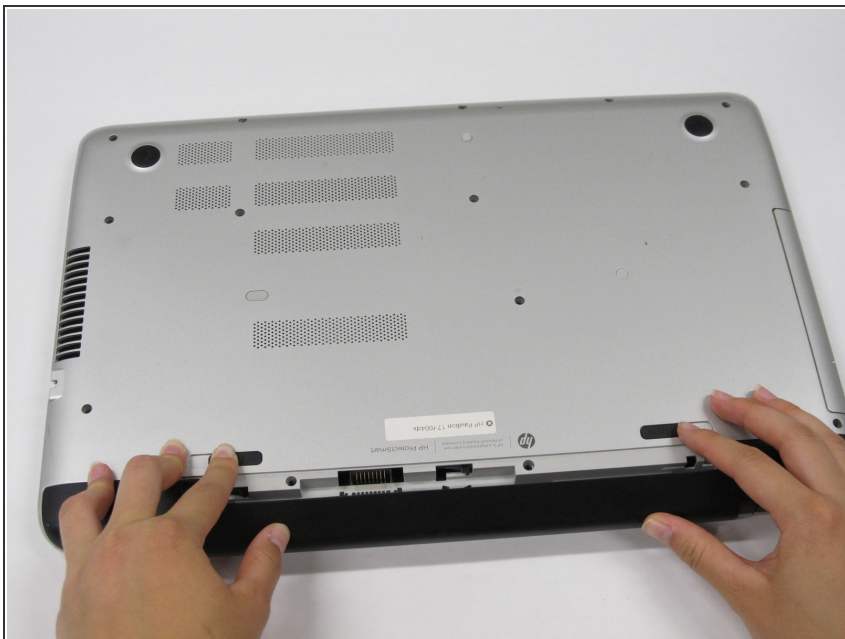
## Step 2



- Slide the black battery latch inward to remove the battery.



## Step 3



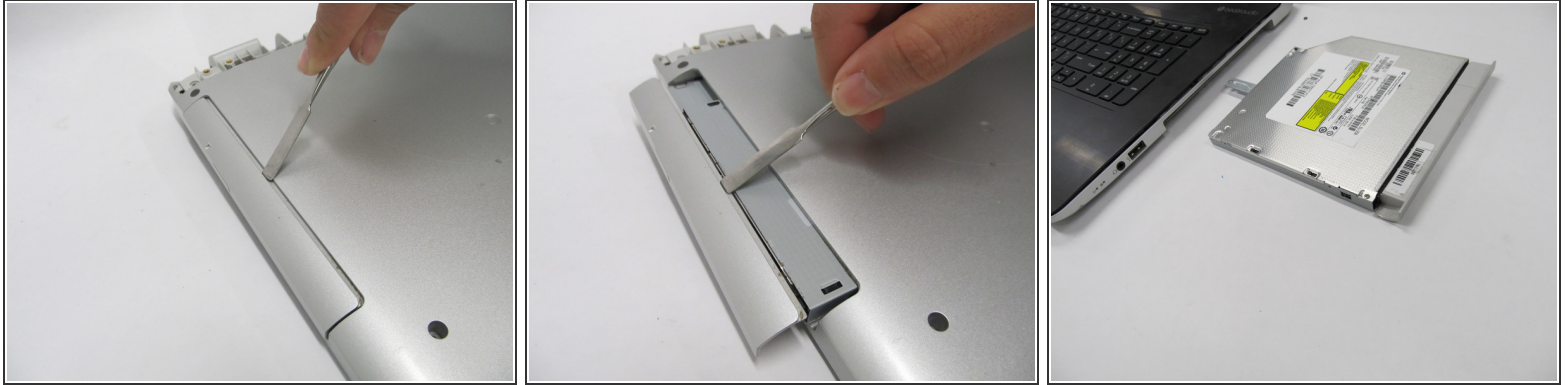
- Pull the battery out towards you while your fingers are still holding the latches in place.

## Step 4 — CD Drive



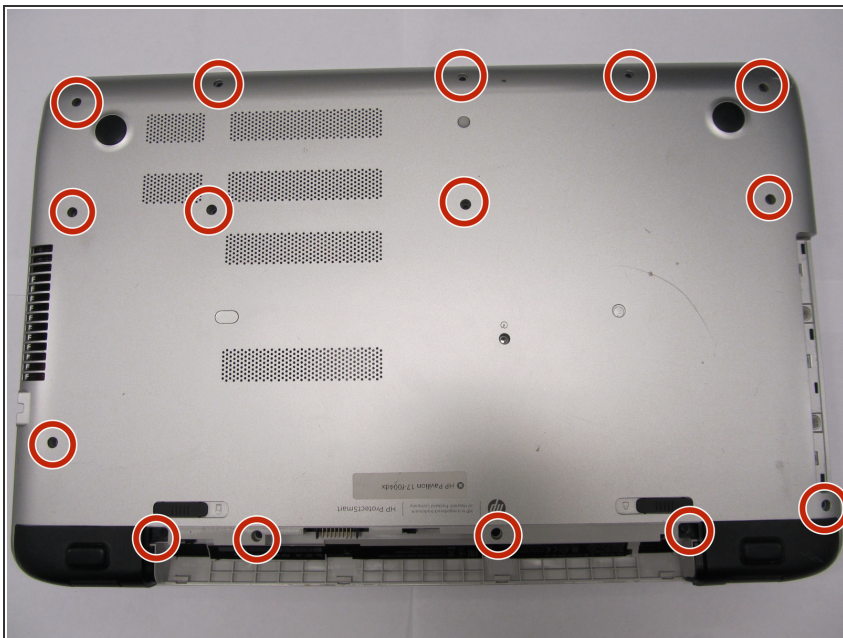
- Remove one 7 mm screw with a Phillips 1 screwdriver.

## Step 5



- Use a metal spudger to push the CD drive out of its slot for removal.

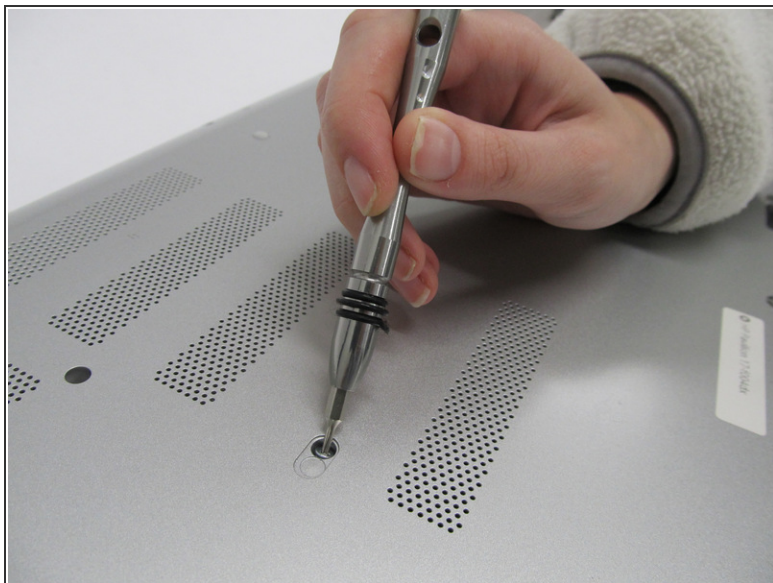
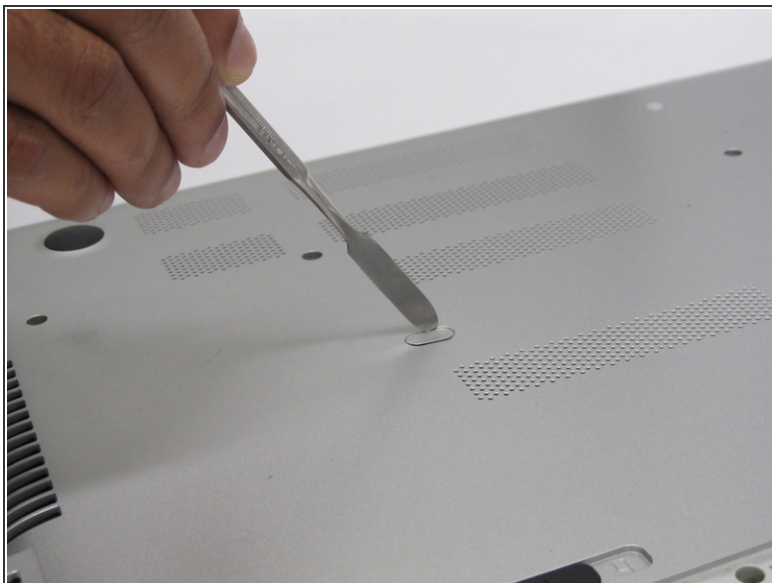
## Step 6 — Front Panel



- Remove fifteen 7 mm screws with a Philips 1 screwdriver.



## Step 7



- Remove the thin plastic cover using the flat metal spudger to expose another screw.
- Remove one 7 mm screw with a Phillips 0 screwdriver.

## Step 8



- Use a metal spudger to remove the rubber "feet" to expose two screws.

## Step 9



- Underneath each rubber foot, there is a screw.
- Use the Phillips 1 screwdriver to remove a 4.8 mm screw on each side.

## Step 10



- Remove the two black end caps to expose more screws.
- ⓘ The end caps will require some force to remove.



## Step 11



- Remove the following six screws with a Phillips 1 screwdriver:
  - Two 7 mm screws.
  - Two 7 mm screws.
  - Two 4.8 mm screws.

## Step 12



- Remove two 2.4 mm broadhead screws from the CD Drive bay with a Phillips 0 screwdriver,



## Step 13



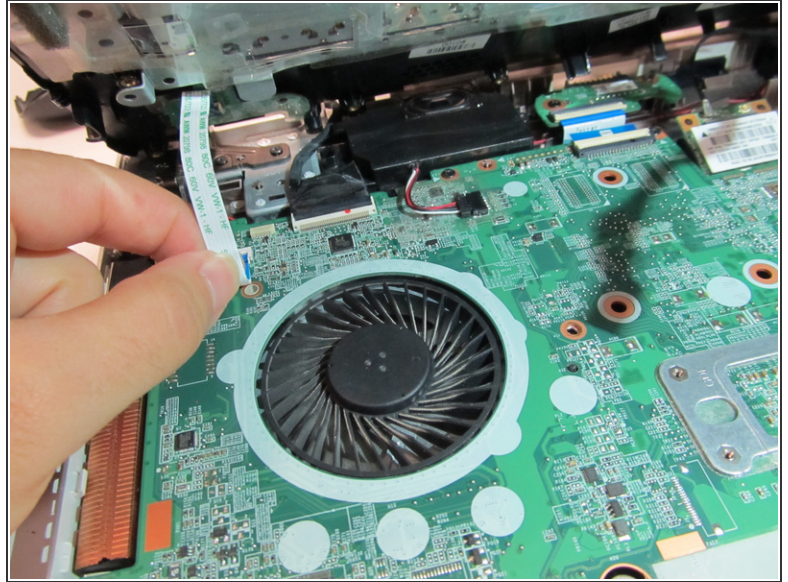
- Flip the laptop back over. Then, with the laptop open, move the plastic prying tool around the top cover to pry it from the enclosure.

## Step 14



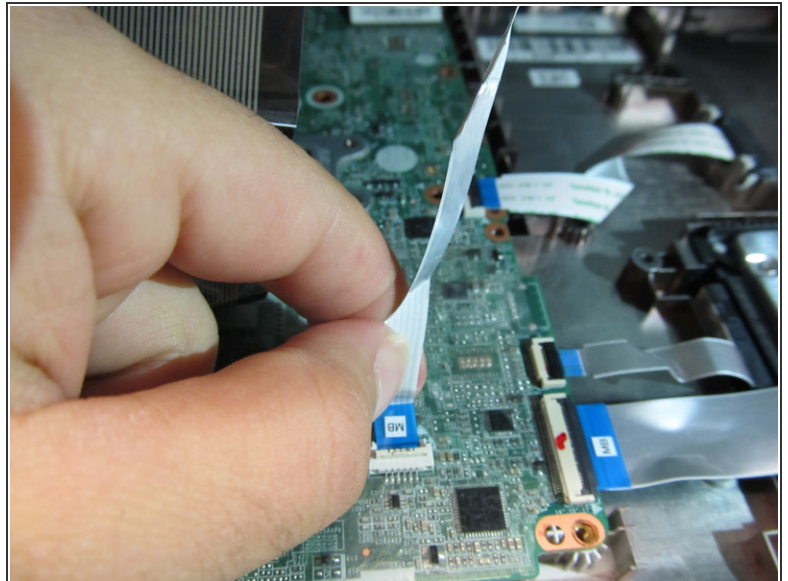
- Partially lift the top cover from the enclosure.

## Step 15



- Remove the ribbon connecting the power button to the motherboard.

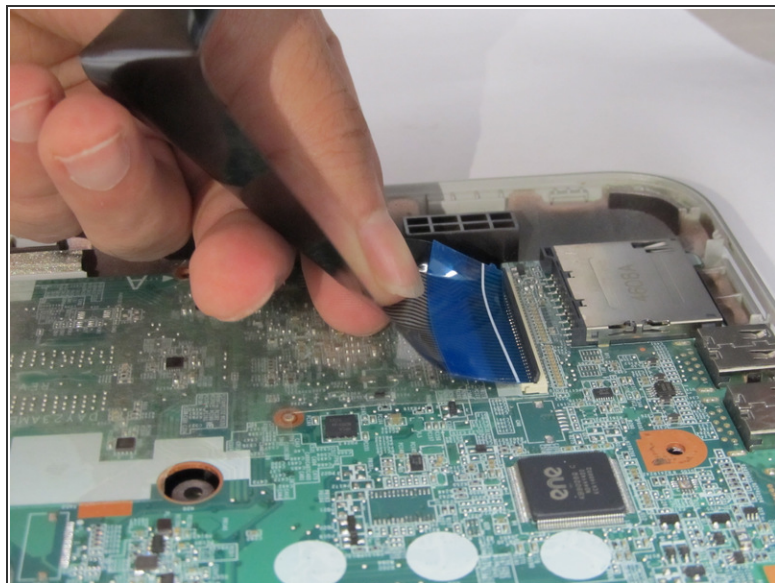
## Step 16



- Remove the ribbon connecting the mousepad to the motherboard.



## Step 17



- Remove the ribbon connecting the keyboard to the motherboard.
- You may now fully lift the front panel from the rest of the laptop.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-07-16 02:47:59 AM.